



Zweigstelle
in Den Haag
Recherchen-
abteilung

Branch at
The Hague
Search
division_____

Département à
La Haye
Division de la
recherche

Narmon, Gisèle
Industrial Property Department,
Alcatel Bell N.V.,
Francis Wellesplein 1
2018 Antwerpen
BELGIOUE

Datum/Date

17.02.03

Zeichen/Ref./Ref.

120 699 AN

Anmeldung Nr./Application No./Demande n°/Patent Nr./Patent No./Brevet n°.

02291902.1-2411-

Anmelder/Applicant/Demandeur/Patentinhaber/Proprietor/Titulaire

ALCATEL

COMMUNICATION

The European Patent Office herewith transmits as an enclosure the European search report for the above-mentioned European patent application.

If applicable, copies of the documents cited in the European search report are attached.

☐ Additional set(s) of copies of the documents cited in the European search report is (are) enclosed as well.

The following specifications given by the applicant have been approved by the Search Division:

 abstract

☐ title

☐ The abstract was modified by the Search Division and the definitive text is attached to this communication.

The following figure will be published together with the abstract:

I

ALCATEL IPD ANTWERP

17 -02- 2003

ALL		*	ALL		
[initials]	NO			CH	
	AD			AV	
		(Q)	FILE		

mat ylen tegen 15/05
AUB

Lychee Ave



REFUND OF THE SEARCH FEE

If applicable under Article 10 Rules relating to fees, a separate communication from the Receiving Section on the refund of the search fee will be sent later.



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number
EP 02 29 1902

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.7)
X	EP 0 391 312 A (IBM) 10 October 1990 (1990-10-10) * figures 5A,5B *	1,2,8-10	H04B3/46
A	US 4 630 228 A (TARCZY-HORNOCH ZOLTAN ET AL) 16 December 1986 (1986-12-16) * column 7, line 11 - line 34 *	1-10	
			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			H04B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10 February 2003	Examiner De Iulis, M
<div>CATEGORY OF CITED DOCUMENTS</div> <div><div>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</div><div>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</div></div>			

1

EPO FORM 1503 03 82 (P04C01)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

EP 02 29 1902

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

10-02-2003

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0391312	A	10-10-1990	EP 0391312 A2	10-10-1990
			JP 2292919 A	04-12-1990
			US 5128619 A	07-07-1992

US 4630228	A	16-12-1986	NONE	
